

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 18, 20-33 are allowed (renumbered as 1-15).
2. The following is an examiner's statement of reasons for allowance: The instant application is directed to a localization system means for generating an electromagnetic energy field within the Ultra Wideband (UWB), wherein the means for generating the electromagnetic energy field are adapted to transmit pulse beams of a plurality of pulse streams, wherein each pulse beam comprises nine pulse streams, which pulse streams are oriented at least substantially parallel to each other. The closest prior art Lastinger et al. (US Patent 6,552,661 B1), Richards et al. (US Patent # 6,504,483 B1), and Orenstein et al. (US Patent # 5,976,038). Lastinger et al. discloses a locator to receive several signals, each signal having respective indicia of identification device presence within a respective communication pattern, Richards et al. discloses a system capable using impulse radio technology to track and/or monitor an animal such as a horse, dog or person by use of an emerging, revolutionary ultra wideband technology (UWB) called impulse radio communication technology, and Orenstein et al. discloses a system provides a directional antenna having first and second antenna patterns oriented around an antenna boresight direction. The references, either singularly or in combination, fail to anticipate or render the above limitation obvious.
3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JACK WANG whose telephone number is (571)272-1938. The examiner can normally be reached on M-F 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JACK WANG/  
Examiner, Art Unit 2612

/Daniel Wu/  
Supervisory Patent Examiner, Art Unit 2612